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1 General

1.1 Application

The conversion kit is designed for retrofitting an external fresh-gas outlet (A-taper) at the Julian anaesthesia workplace.

2 Scope of delivery

M 34292 St; preassembled into modules and checked.

3 Tools

- 2.5, 3 and 5 mm Allen keys
- Recessed-head screwdriver
- 19 mm open-ended wrench

4 Job instructions

Remove breathing system from compartment and detach back wall from Julian; unhook door - **do not unscrew** - and unfasten all hose connections (CS hoses); pull pneumatics module out of housing. Unfasten mixer block and move it to one side, remove hoses from fresh-gas ejector (see Fig. 1) and detach fresh-gas ejector from metal housing; detach Legri connection M 33752 from fresh-gas ejector and screw to valve block M 33711 (see Fig. 5); screw fresh-gas ejector to preassembled valve block (see Fig. 3) with O-ring D 18400. Screw this assembled block to metal housing (top right) such that fresh-gas outlet is positioned at metal cut-out provided. Re-establish hose connection (see Fig. 2) and attach plug for valve to PCB (see Fig. 4). Use T-piece and corresponding hose to connect safety valve M 33896 to anaesthetic-gas extraction line (see Fig. 2).

Check valve function prior to assembly.
To do so, confirm use of A-taper valve in service mode.
-> Mode: service2-config -> enter A-taper menu via acknowledgement button -> A-taper ***yes*** and confirm.
Check switching function of valve. Switch valve in service mode by way of button VentEDOS -> IPPV -> MV6 and pay attention to both feedback and switching noise.

Re-insert pneumatics module in housing (caution: watch out for kinked or loose cables!). Insert breathing system, re-establish hose connection (CS hoses + measured-gas return line) and attach both taper and hose to housing; to do so, remove plastic cover in rail section and attach preassembled panel with taper by way of plate M 29110 and M6 x 12 socket-head cap screws (height of hose penetration in door). Screw hose M 33974 with copper washer
D 4752 to valve block (see Fig. 5). Perform switch-on test; leakage rate must be less than 66 mL/min. and it must be possible to select external fresh-gas outlet via control panel with Man/Spont. ***fresh gas external/internal***.

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Following successful completion of switch-on test close back wall and attach plastic housing M 33965 with recessed-head screw to plate (see Fig. 5).
After conversion, perform safety checks as per Julian Test Certificate, item 22.

4.1 Assembly drawings

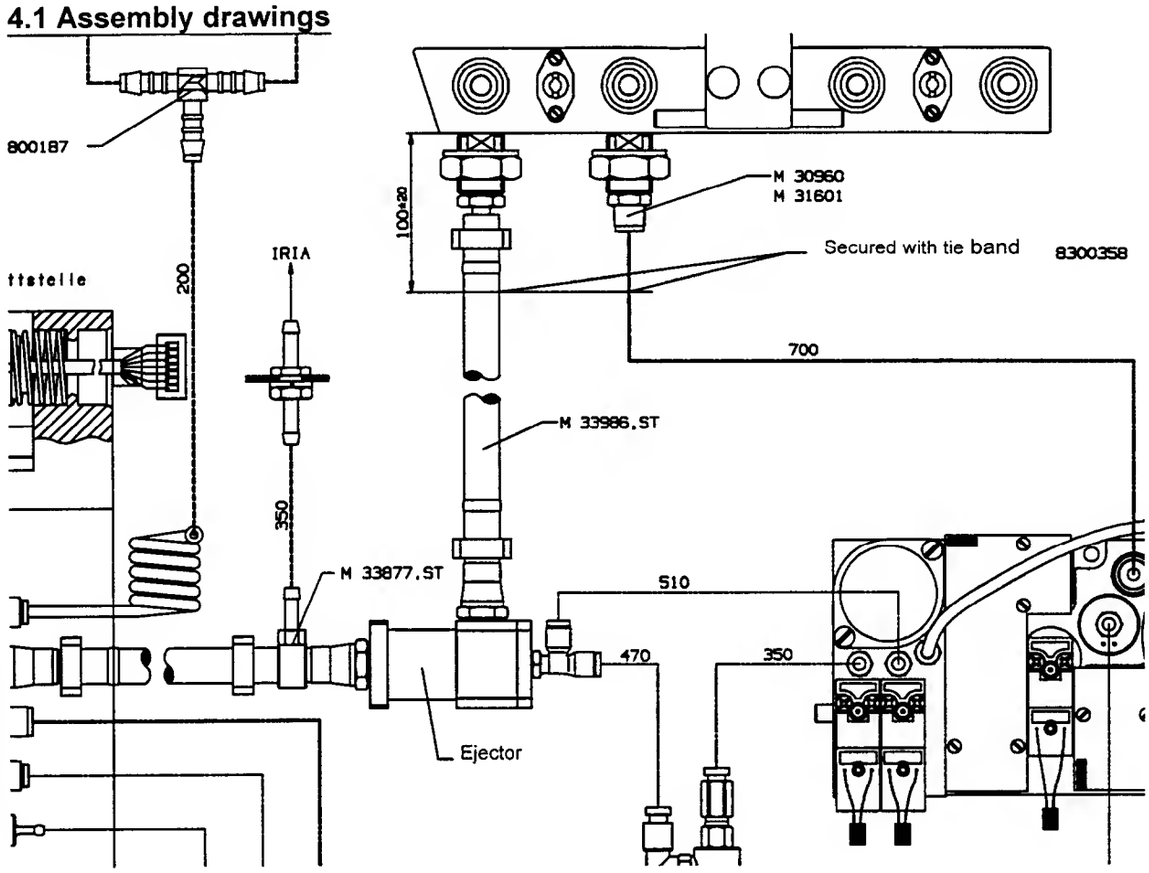

Fig.1

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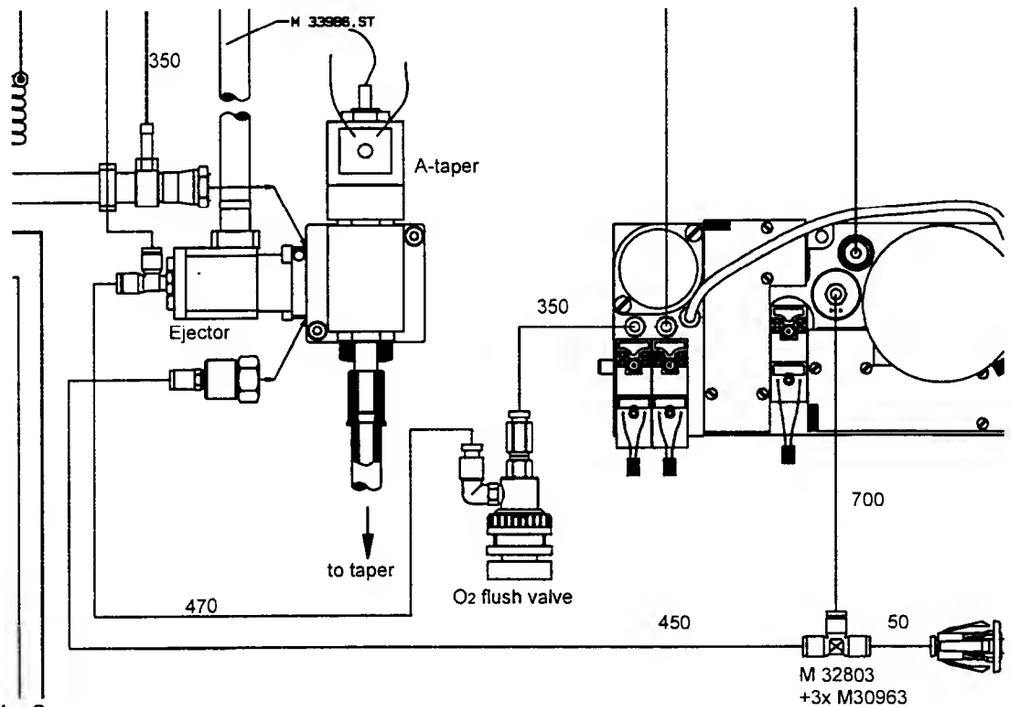

Fig.2

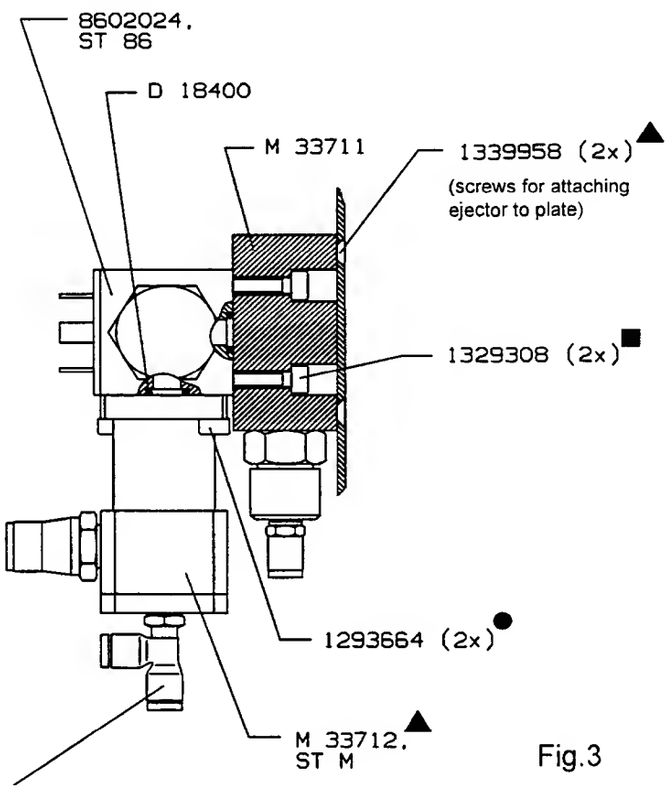

Fig.3

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Wiring

Scale 1:1

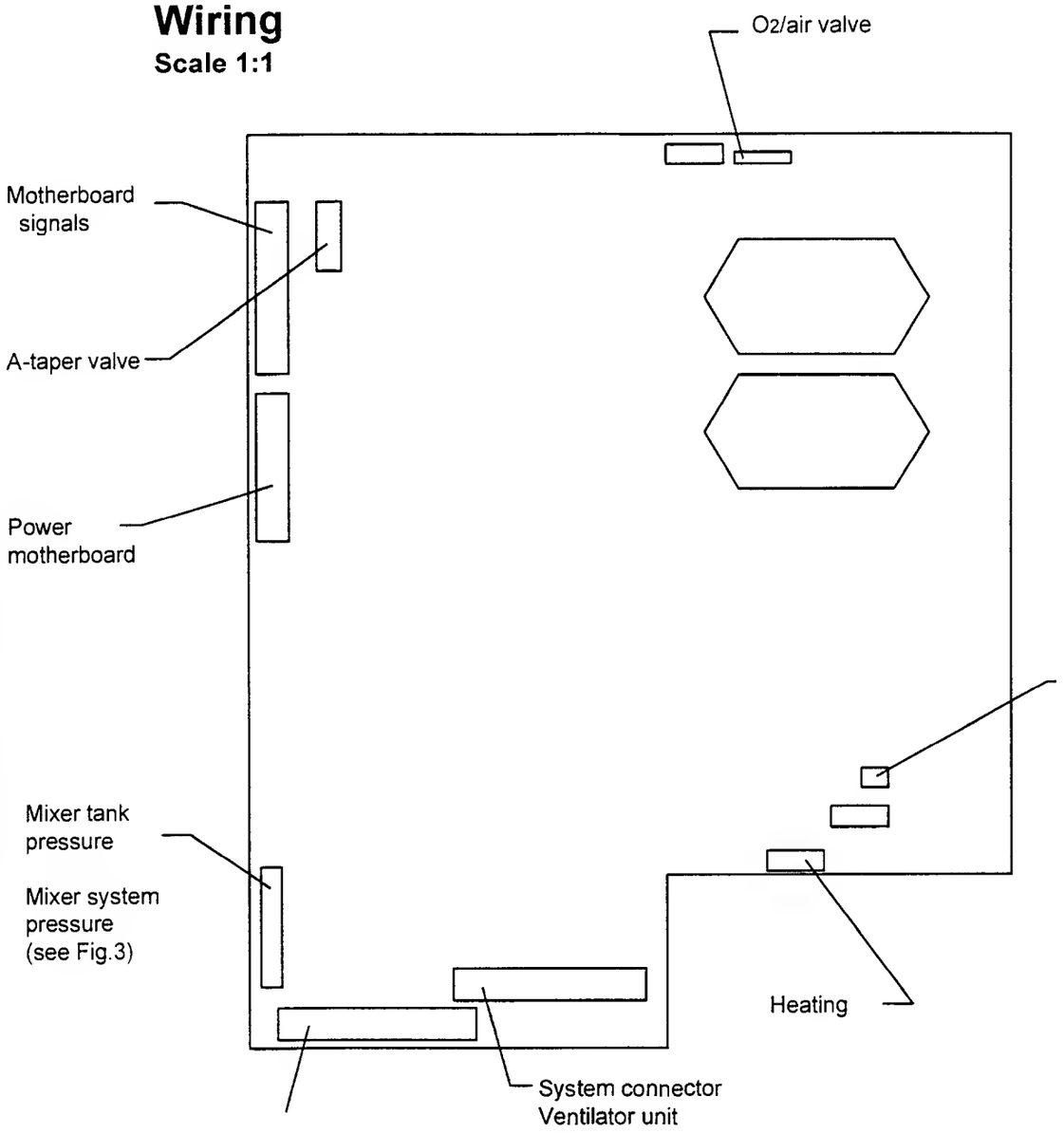

Fig.4

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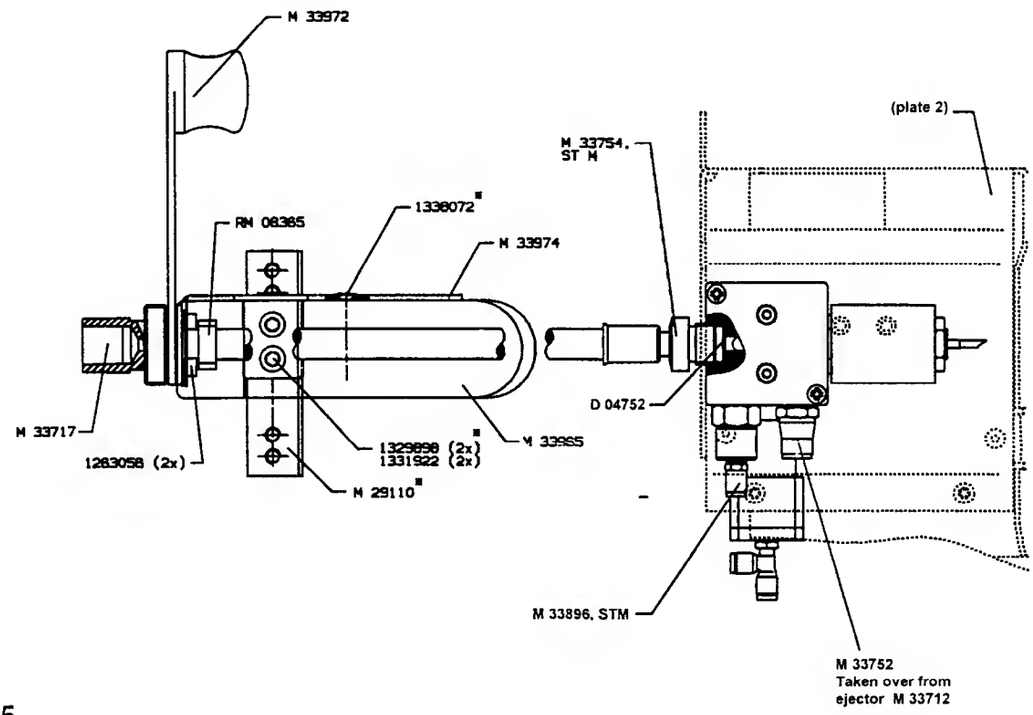

Fig.5

5 Compulsory registration

As a component requiring compulsory registration, the A-taper is to be entered in the accompanying card for the converted Julian and registered.

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